

DISK-80 EXPANSION INTERFACE



The DISK-80 EXPANSION INTERFACE is an improved disk controller and memory expansion interface for the TRS-80 Model I computer. The DISK-80 controls up to four 35 to 77 track mini-disk drives and is completely software and hardware compatible with all Radio Shack equipment. Unlike any other mini-disk controller for the Model I, the DISK-80 contains a hardware data separator which substantially increases the reliability of data transfers. The DISK-80 attaches to the CPU/Keyboard connector and comes complete with mini-disk controller, 16K expansion memory (expandable to 32K), power supply, optional Centronics compatible printer port, real time clock and buffered TRS-BUS expansion connector. Everything is attractively housed in a low profile case.

POWER SOURCE CONSUMPTION:	115VAC 50-60Hz input, low voltage DC supplied by UL-listed plug in power module. 8 Watts.
DIMENSIONS:	2½" x 9¼" x 8½"
WEIGHT:	3 lbs.
OPERATING CONDITIONS:	Temperature: 0-50C (32-122F) Humidity: 10-90% relative humidity (non-condensing)
INTERFACE:	Ribbon cable with 40-pin edge card connector. Attaches to Keyboard.
I/O CONNECTIONS:	40 pin edge card connector for user expansion (equivalent to J3 on Radio Shack E.I.). 34 pin edge card connector for disk drive cable. 34 pin edge card connector for optional parallel printer port (software compatible with LPRINT and LLIST).
HARDWARE FEATURES:	Hardware data separator. 25 msec Real Time Clock. Includes 16K memory (8000-BFFF) with space for additional 16K (C000-FFFF). Optional printer port (Centronics compatible). Buffered 40 pin TRS-BUS connector for additional peripherals.
SOFTWARE:	Compatible with all Radio Shack disk operating systems; TRS-DOS, NEWDOS, NEWDOS 80, etc.

DISK-80	\$329.95
DISK-80/Printer Port.	\$379.95
ADDITIONAL 16K (32K total)	\$ 50.00



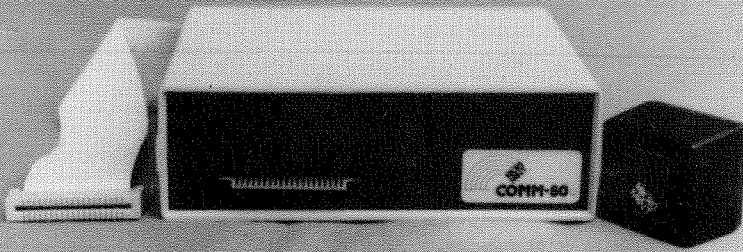
CHATTERBOX MODEM — I/O INTERFACE

The CHATTERBOX TERMINAL INTERFACE combines all the features of the popular COMM-80 SERIAL/PARALLEL I/O INTERFACE with a 0-300 bps acoustic modem. The CHATTERBOX is completely hardware and software compatible with all Radio Shack supplied TRS-80 Model I equipment. The CHATTERBOX contains a Centronics compatible (34 pin edge card connector) printer port, a 50-19200 baud RS-232C serial port and an acoustic originate modem. When using the modem, the complete message communication can be printed simultaneously from either the parallel or serial port. The CHATTERBOX connects to either the CPU/Keyboard connector or to the Expansion Interface and is the only interface needed to turn a TRS-80 Level II Model I into a full fledged terminal with provision for a serial or parallel printer. Full/half duplex smart terminal software is included.

POWER SOURCE CONSUMPTION:	115VAC 50-60Hz input, low voltage DC supplied by UL-listed plug in power module. 6 Watts.
DIMENSIONS:	3½" x 8" x 6¼"
WEIGHT:	2½ lbs.
OPERATING CONDITIONS:	Temperature: 0-50C (32-122F) Humidity: 10-90% relative humidity (non-condensing)
INTERFACE:	Ribbon cable with 40-pin edge card connector. Attaches to Keyboard or E.I. TRS-BUS connector.
I/O CONNECTIONS:	40 pin edge card connector for user expansion (equivalent to Keyboard connector). DB-25S RS-232C serial connector. 34 pin edge card connector for parallel printer port (software compatible with LPRINT and LLIST).
HARDWARE FEATURES:	DIP switch hardware address selection (factory set for RS compatibility) allows 16 separate units to be used. Programming plug factory set for 300 baud, no parity, 1 stop bit. Other settings, user/program selectable.
MODEM: Operation	Originate-only; Full duplex hardware, half duplex operation through terminal software.
Data Rate	0 to 300 bps Asynchronous
Frequencies	Transmit; Mark 1270 +/- 1% Space 1070 +/- 1% Receive; Mark 2225 +/- 2% Space 2025 +/- 2%
Coupler	Acoustic; conforms to Bell 103
Controls	Modem/serial port switch. Carrier detection LED indicator.
SOFTWARE:	Full/half duplex smart terminal software included. Software for using serial terminal with BASIC, optionally available.

CHATTERBOX FOR LEVEL II MODEL I. \$279.95

COMM-80 SERIAL/PARALLEL I/O INTERFACE



The COMM-80 I/O INTERFACE combines a serial and parallel printer port in one low cost package that is completely hardware and software compatible with Radio Shack equipment. The parallel printer port is Centronics compatible (34 pin edge card) and operates directly from the LPRINT and LLIST statements in Level II BASIC. The serial port is 50-19200 baud programmable and RS-232C compatible. A programming plug allows automatic selection of the most frequently used options. The COMM-80 connects either to the CPU/Keyboard or to the Expansion Interface. The COMM-80, unlike the TRS-80 serial interface board, is address selectable. Up to 16 separate COMM-80s can be attached to a TRS-80.

POWER SOURCE CONSUMPTION:	115VAC 50-60Hz input, low voltage DC supplied by UL-listed plug in power module. 5 Watts.
DIMENSIONS:	2½" x 8" x 6¼"
WEIGHT:	2 lbs.
OPERATING CONDITIONS:	Temperature: 0-50C (32-122F) Humidity: 10-90% relative humidity (non-condensing)
INTERFACE:	Ribbon cable with 40-pin edge card connector. Attaches to Keyboard or E.I. TRS-BUS (J3) connector.
I/O CONNECTIONS:	40 pin edge card connector for user expansion (equivalent to Keyboard connector). DB-25S RS-232C serial connector. 34 pin edge card connector for parallel printer port (software compatible with LPRINT and LLIST).
HARDWARE FEATURES:	DIP switch hardware address selection (factory set for RS compatibility) allows 16 separate units to be used. Programming plug factory preset for 300 bps, no parity, 1 stop bit. Other communication formats user/program selectable.
SOFTWARE:	Smart terminal software included. Software for using a serial printer with BASIC, optionally available.

COMM—80 LEVEL II MODEL I	\$179.95
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